

Attorney's Docket No. 5576-177

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Takahashi et al.  
Serial No.: To Be Assigned  
Filed: Concurrently Herewith  
For: *Metal Sulfide Film and Method for Preparing Thereof*

International Appl. No.: PCT/JP03/010814  
International Filing Date: August 27, 2003

Date: February 24, 2005

Mail Stop PCT  
Commissioner for Patents  
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Alexandria, VA 22313-1450

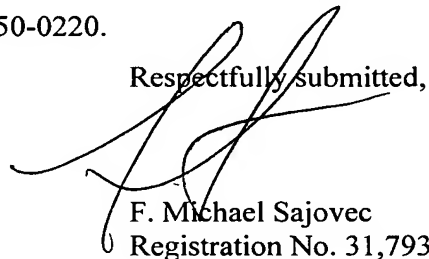
**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Sir:

Attached is a Form PTO-1449 listing several documents cited in the International Search Report for the corresponding International Application Number PCT/JP03/010814. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the amendment by the U.S. Patent and Trademark Office to 37 C.F.R. § 1.98(a)(2)(ii) effective October 21, 2004. Each document listed on the attached PTO-1449 was first cited in any communication from a foreign patent office in a counterpart foreign application. A copy the Search Report, together with a copy of any listed foreign patent document and/or non-patent literature, is enclosed.

It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. The Commissioner is hereby authorized to charge any additional fee, which may be required, or credit any refund, to our Deposit Account No. 50-0220.

Respectfully submitted,

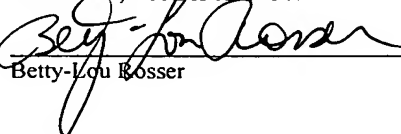


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Betty-Lou Rosser

Substitute form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	To Be Assigned <b>10/525443</b>
		Filing Date	Concurrently Herewith
		First Named Inventor	Takahashi
		Group Art Unit	To Be Assigned
		Examiner Name	Unknown
Sheet <b>A1</b>	of <b>A1</b>	Attorney Docket Number	5576-177

**U.S. PATENTS AND PATENT PUBLICATIONS**

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (if known)			
	1.	JP	08-199333		Honda Motor Co Ltd.	08/06/96	X
	2.	JP	08-218161		Honda Motor Co Ltd.	08/27/96	X

**OTHER NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	3.	Takahashi et al., "New vapor phase deposition of pyrite thin films using FeCl <sub>3</sub> and CH <sub>3</sub> CSNH <sub>2</sub> ", <b>Journal of Materials Science Letters</b> 19:2223-2224 (2000)	
	4.	Takahashi et al., "Preparation of pyrite thin films by atmospheric pressure chemical vapor deposition using FeCl <sub>3</sub> and CH <sub>3</sub> CSNH <sub>2</sub> ", <b>Journal of Materials Chemistry</b> 10:2346-2348 (2000)	
	5.	Lichtenberger et al., "Structural optical and electrical properties of polycrystalline iron pyrite layers deposited by reactive d.c. magnetron sputtering", <b>Thin Solid Films</b> 246:6-12 (1994)	
	6.	Höpfner et al., "Stoichiometry-, phase- and orientation-controlled growth of polycrystalline pyrite (FeS <sub>2</sub> ) thin films by MOCVD", <b>Journal of Crystal Growth</b> 151:325-334 (1995)	
	7.	International Search Report corresponding to PCT/JP03/010814 mailed on December 9, 2003.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.